



*Better Buildings Residential Network
Peer Exchange Call Series*

*Low Income, Market Rate Residential Efficiency:
Reaching the Hard to Reach*

May 13, 2021

Agenda and Ground Rules

- Agenda Review and Ground Rules
- Opening Poll
- Residential Network Overview and Upcoming Call Schedule
- Featured Speakers
 - **Amanda Formica**, Analyst, National Grid
 - **Michael Rossacci**, Program Manager, National Grid
 - **Michael Walton**, Executive Director, green|spaces
 - **Raymond Nevo**, State Policy & Equity Manager, National Housing Trust
- Open Discussion
- Closing Poll and Announcements

Ground Rules:

1. **Sales of services and commercial messages are not appropriate** during Peer Exchange Calls.
2. Calls are a safe place for discussion; **please do not attribute information to individuals** on the call.

The views expressed by speakers are their own, and do not reflect those of the Dept. of Energy.

Better Buildings Residential Network

Join the Network

Member Benefits:

- Recognition in media and publications
- Speaking opportunities
- Updates on latest trends
- Voluntary member initiatives
- One-on-One brainstorming conversations

Commitment:

- Members only need to provide *one number*: their organization's number of residential energy upgrades per year, or equivalent.

Upcoming Calls (2nd & 4th Thursdays):

- May 27: *Decarbonization and Residential Buildings*
- Jun 10: *Environmental Justice and Residential Energy Efficiency*
- Jun 24: *Residential Energy Efficiency and Jobs: The State of the COVID Recovery*

Peer Exchange Call summaries are posted on the Better Buildings [website](#) a few weeks after the call

For more information or to join, for no cost, email bbresidentialnetwork@ee.doe.gov, or go to energy.gov/eere/bbrn & click Join



Amanda Formica & Michael Rossacci
National Grid

MA Income Eligible Energy Efficiency Program Model

Amanda Formica and
Michael Rossacci
May 13, 2021

nationalgrid



MA Green Communities Act of 2008

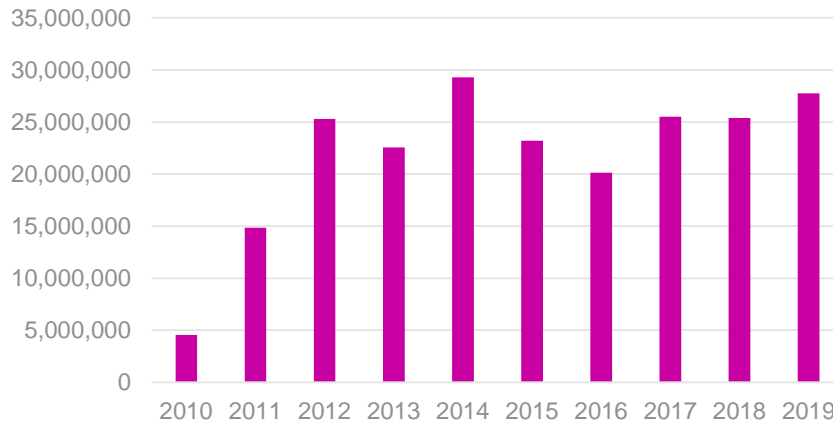
- Formally establishes gas and electric energy efficiency programs
- At least 10% of electric program spend and 20% of gas program spend must be on programs for income eligible customers
- Requires that income eligible programs be consistent statewide and implemented through “the low-income weatherization and fuel assistance network”
- Programs must be cost effective, and all cost effective energy efficiency technologies should be offered



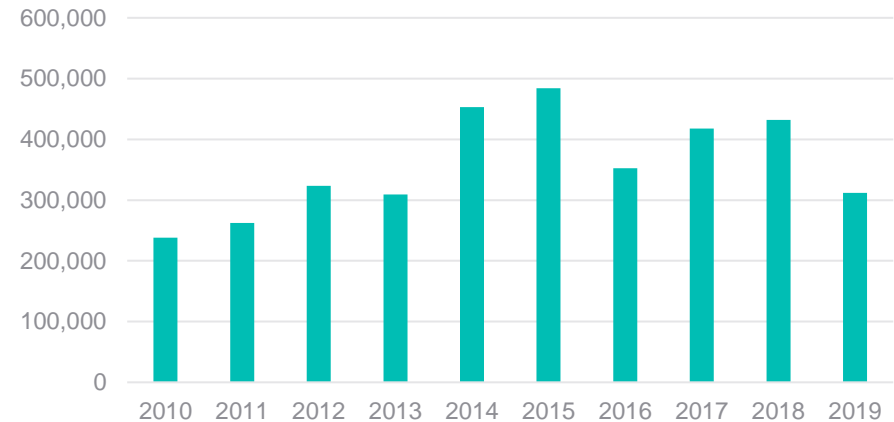
State law sets a strong foundation for successful, cost effective income eligible programs with robust budgets.

Program Growth

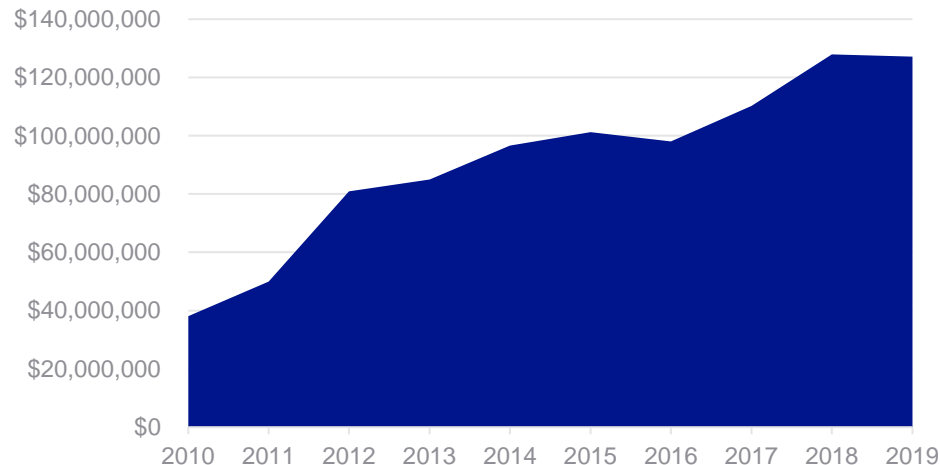
Lifetime Gas Savings (therms)



Lifetime Electric Savings (MWh)



Annual Total Income Eligible Spend



*All data reflects
National Grid
MA income
eligible
programs only*

Leveraged Funding

For customers who receive Fuel Assistance, additional funding is available toward heating systems and weatherization

- Helps enable more comprehensive measures, including health and safety upgrades.
- Reduces the cost per kilowatt or therm
- Helps minimize bill impacts
- Allows a greater number of customers to be served



What You Need To Know

All eligible homeowners and renters, including households whose cost of heat is included in the rent, can apply at a LIHEAP agency in their area — visit www.mass.gov/hed/fuel for the listing!

Eligibility is based on a number of factors including but not limited to household size and the gross annual income of every household member 18 years of age or older.

Household income cannot exceed 60% of estimated State Median Income. You will be provided more information on the application process when you contact your local LIHEAP agency.

Call the DHCD Hotline
1-800-632-8175



"On behalf of Governor Charlie Baker and Lieutenant Governor Karyn Polito, the Department of Housing and Community Development proudly continues to provide eligible individuals and families with home heating assistance and energy services throughout the Commonwealth."

Jennifer Maddox
Undersecretary, DHCD

Find Someone to Help You in Your City/Town
www.mass.gov/hed/fuel



Energy Assistance Programs

- **FUEL ASSISTANCE** - LIHEAP helps pay a portion of eligible households' home heating bill during the winter season.
- **HEARTWAP** - a year round program that serves LIHEAP eligible households with heating system repair, replacement and maintenance services.
- **Weatherization Assistance Program** - a year round program that serves LIHEAP eligible households with air sealing, attic/sidewall insulation, weather-stripping and weatherization related repairs.

Coalition Built, Consensus Driven Model

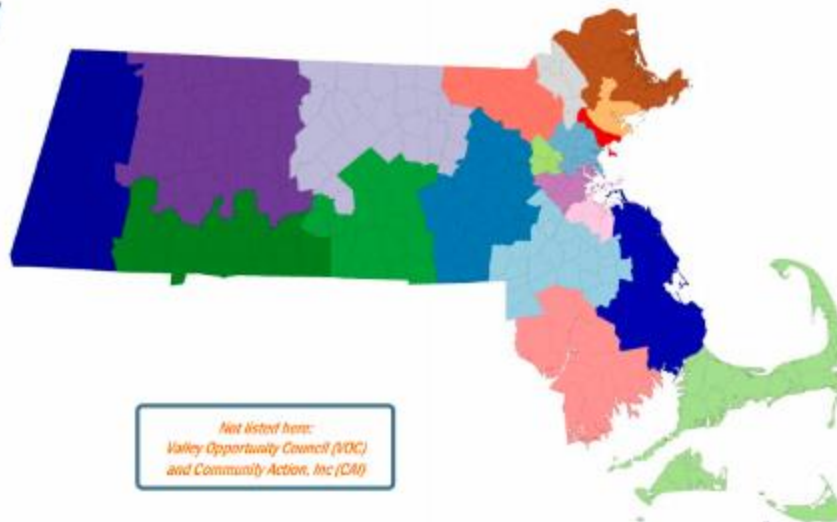


Coalition model supports collaboration, communication, and alignment for new measures and continuous improvement.

Income Eligible Delivery Model

CAP Electric Service Territory

Agency Name	
Self Help, Inc. (SHI)	(28)
South Middlesex Opportunity Council, Inc. (SMOC)	(37)
Housing Assistance Corporation (HAC)	(23)
Worcester Community Action Council, Inc. (WCAC)	(23)
Citizens for Citizens (CFC)	(20)
LEO, Inc.	(4)
North Shore Community Action Programs, Inc. (NSCAP)	(6)
Springfield Partners for Community Action, Inc. (SPCA)	(24)
Community Action Pioneer Valley (CAPV)	(45)
Berkshire Community Action Council, Inc. (BCAC)	(32)
Action, Inc.	(19)
South Shore Community Action Council, Inc. (SSCAC)	(16)
Montachusett Opportunity Council, Inc. (MOC)	(28)
Community Teamwork, Inc. (CTI)	(14)
Community Action Programs Inter-City, Inc. (CAPIC)	(14)
Menotomy Weatherization	(5)
Quincy Community Action Programs, Inc. (QCAP)	(4)
Greater Lawrence Community Action Council, Inc. (GLCAC)	(6)
Action for Boston Community Development, Inc. (ABCD)	(3)



Program implemented through the Low Income Energy Affordability Network (LEAN) a network of 23 Community Action Agencies

Action Inc. serves as lead vendor for National Grid

CAP agencies are deeply embedded in their communities and enable residents to receive wrap around support in addition to energy services.

Locating Income Eligible Customers

- CAP agency fuel assistance programs
- Data share with MA Department of Transitional Assistance to automatically add residents to electric and gas utility discount rates
- Regular communication with Local Housing Authorities and Community Development Corporations
- Utility customer service centers
- Referrals from PA market rate programs and contractors
- Referrals from delivered fuel heating providers
- Outreach to Councils on Aging, veterans groups, food pantries, houses of worship, and other local programs

Social benefit programs ➡ utility discount rate ➡ EE services

Multilingual Outreach



Brindar asistencia energética a los residentes de Massachusetts con ingresos elegibles

Hay varios programas disponibles para ayudar a los residentes con ingresos elegibles a administrar los costos de energía.



ASISTENCIA PARA COMBUSTIBLE

El programa de Asistencia para Combustible, o LIHEAP (Programa de Asistencia de Energía para Hogares de Bajos Ingresos), ayuda a pagar su factura de calefacción principal. Ya sea que sea propietario de su casa o la alquila, el LIHEAP realiza pagos directos a su proveedor de servicios de calefacción o combustible. Esto incluye electricidad, gas natural, petróleo, carbón, calentamiento o madera.

Para calificar para el LINEAP/Asistencia para Combustible, debe ser residente de Massachusetts y los ingresos anuales brutos antes de impuestos de su hogar deben ser iguales o inferiores a las cantidades que se muestran en el cuadro a continuación.

Para obtener más información sobre el LINEAR, visite mass.gov/home-energy-assistance-program o llame al 800-632-8175.

CANTIDADES DE ELEGIBILIDAD DE INGRESOS 2021

NÚMERO DE PERSONAS EN EL HOGAR	INGRESO FAMILIAR ANUAL
1	hasta \$19,105
2	hasta \$51,137
3	hasta \$63,169
4	hasta \$75,301
5	hasta \$87,233
6	hasta \$99,265
7	hasta \$105,521
8	hasta \$103,777
9	hasta \$108,033

TARIFAS CON DESCUENTO PARA ELECTRICIDAD Y GAS NATURAL

Todos los servicios públicos de gas natural y electricidad de Massachusetts regulados por el estado ofrecen una tasa de descuento residencial. Los hogares que participan en el LIHEAP están inscritos automáticamente, pero la elegibilidad también está disponible para aquellos que reciben lo siguiente:

- Asistencia Temporal para Familias Necesitadas (TANF).
- Ayuda de Emergencia para Ancianos, Discapacitados y Niños (EAEDIC).
- Programa de Asistencia Nutricional Suplementaria (SNAP)/cupones de alimentos.
- Medicaid.
- Programa de Nutrición para Mujeres, Infantes y Niños (WIC).
- Vivienda pública.
- Otros programas de beneficios públicos sujetos a verificación de recursos.

Para solicitar la tasa de descuento, comuníquese con su servicio público local por teléfono o visite su sitio web.

PLANES DE PAGO Y PROGRAMAS DE CONDONACIÓN

Los servicios públicos trabajarán con salud para distribuir los pagos de las porciones vencidas de su factura. También ofrecen un programa de condonación en el que los saldos vencidos pueden perdonarse si puede realizar pagos del presupuesto a tiempo. Para inscribirse, por favor comuníquese directamente con su empresa de servicios públicos.

能效和房屋节能改造

Mass Save® 资助商可提供免费家庭能源评估。帮助您确定节能机会，降低公用事业费用。为您省钱。此外，还可以在评估期间为您安装 LED 节能灯、小流量淋浴头和水龙头起泡器。

如果您现有的家电可正常工作但效率低下，还可以免费获得新家电。例如：

- 冰箱
- 冰柜
- 加热取暖系统
(或系统维修)
- 前置式洗衣机
- 除湿机
- 窗式空调
- 家用热水器
- 可编程恒温器

其他免费服务还可能包括阅读报和墙壁保温、挡风帘以及全屋密封。

无论您家是用电、天然气、石油、丙烷、煤油还是木材加热取暖,都可以享受这些服务。无论您是房东,租户还是含有1至4个单元的楼居(其中至少有一半的单元其租户应符合收入标准)房东,都可以享受这些服务。

了解更多信息或申请这项服务, 请联系当地社区行动计划机构, 查找社区行动计划机构, 请致电 866-537-7267 或访问 MassSave.com/eligible.

如果您是含有五个及以上单元的租房房东，并且其中至少有 50% 的住户符合收入标准，请致电 617-348-6425，或访问 leanmultifamily.org 申请。

我们叫 MASS SAVE



EVERSOURCE



nationalgrid



其他援助和保护

防有害气体中毒保护

除上述未於 11 月 15 日之前繳納其供、否則天然氣和電力公
司在 11 月 15 日前 3 月 15 日即停止供氣和供電的罰則。

严重疾病——如果家中任何人（成人或儿童）患有严重疾病，则会停止天然气和电力供应。必须向公用事业提供高级医疗证明，以便取消限制。进行核实。

12 个月以下的儿童——如果家中有任何不满 12 个月的成员，则不会停止天然气和电力供应，必须向公用事业提供并提交出生证明和医疗记录表，方可豁免。

老年人——如果家中家庭成員年滿 65 歲（含），則不會停止天然氣和電力供應。如需詳細公共事業部門查詢可。

市政公司事业客户——如果您的电力或天然气是由市政公用事业公司提供，请访问 munHELPS.org 了解更多关于能效服务的信息。

了解更多信息，請致電400-779-882或到本公司

其他加熱設備來源

食物和住所计划 (EFS) 通常由当地材料援助机构管理。可以为您的公用事业账单提供一次性援助。

了解更多信息，请访问 efsp.unitedway.org

好邻居能源基金 (Good Neighbor Energy Fund) 可向面临暂时经济困难但不符合联邦援助收入标准的居民提供一次性援助。
请联系当地社区中心, 或致电 800-334-3047 (或 800-262-1320, 区号 413), 了解更多关于好邻居能源基金和其他援助的信息。
您也可以登录 www.madoodneighbor.org 了解更多信息。

美国天主教会、联合国、联合国城市或城镇、或当地教会也可能为您提供帮助。了解马萨诸塞州其他社会服务机构，请致电 211。

查找当地社区行动计划 (CAP) 机构
请致电 866-537-7267, 或访问
MassSave.com/eligible

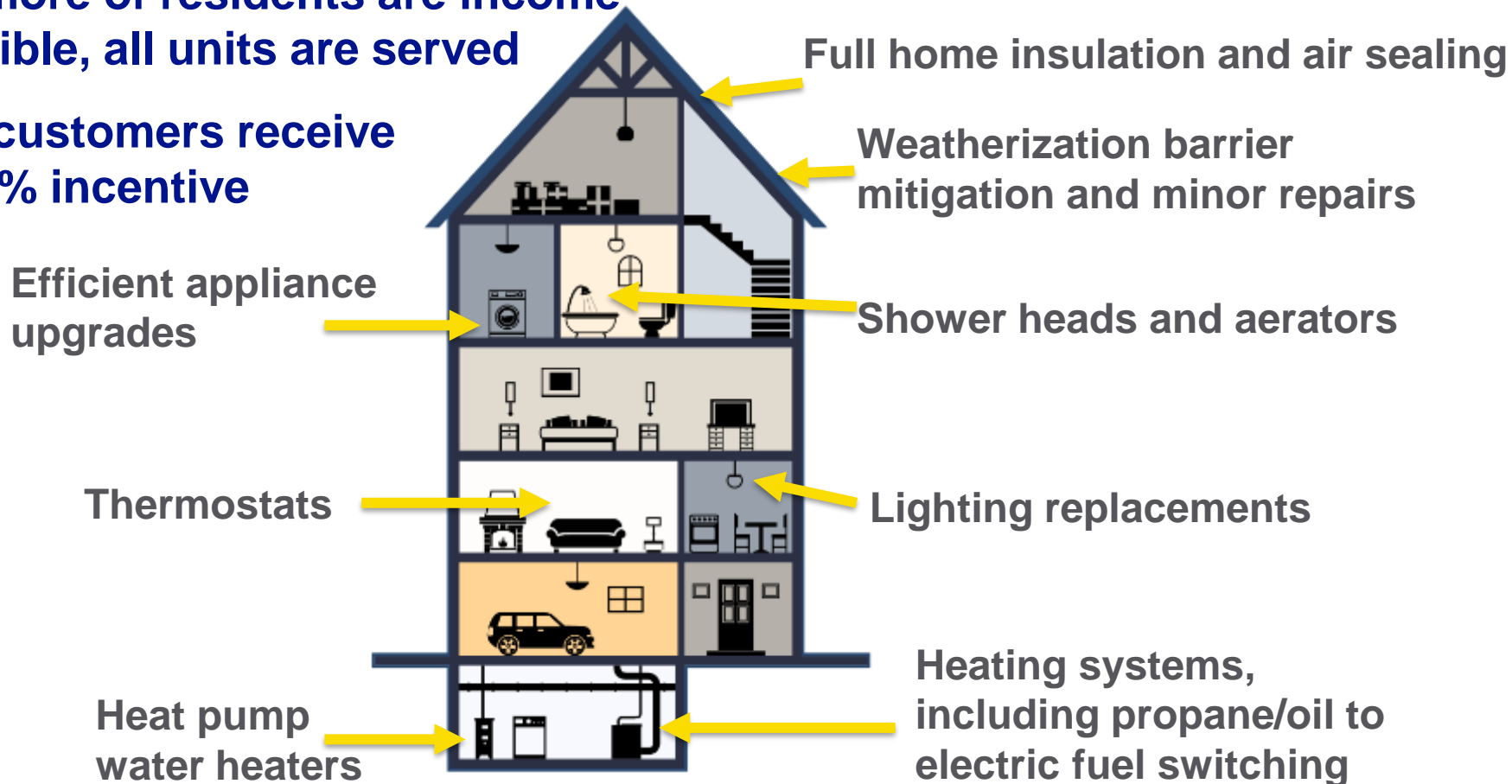


Program information available in 12 languages, with CAP staff reflecting the communities they serve.

Program Offerings

For 2+ unit buildings where 50% or more of residents are income eligible, all units are served

All customers receive 100% incentive



Customer Journey



Customer gets on discount rate, LIHEAP, or other service and is referred to Energy Services



Past service check is completed, electric and/or weatherization assessment scheduled



Energy assessment completed, work scope is designed, and auditor coordinates scheduling of all work to be completed: heating, weatherization, appliances



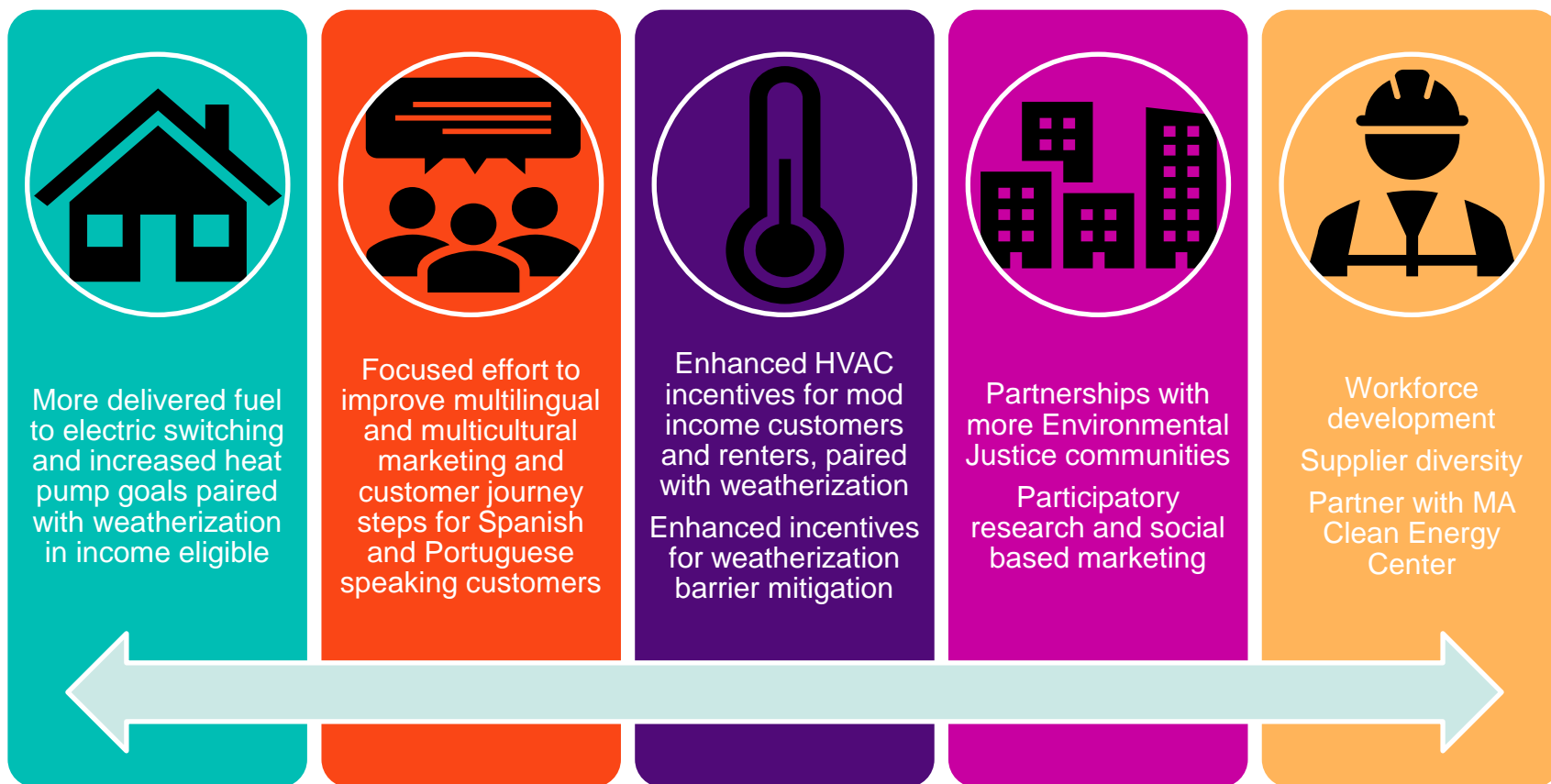
Installation is completed by pre-screened contractors, with CAP agency acting as general contractor



100% quality control and third party inspection



Income Eligible Trends for 2022-2024



More Information

Get in touch

- Amanda.Formica@nationalgrid.com
- Michael.Rossacci@nationalgrid.com

Program information

- Program Details: www.MassSave.com/incomeeligible
- Program Data: www.MassSaveData.com

national**grid**



Michael Walton
green/spaces



green|spaces

Sustainability made simple.

We help people take practical, effective, and affordable steps to improve their environmental, economic, and social outcomes

At work...



green|light
Business
Certification



green|leader
Professional
Certificate



Good Use
Nonprofit
Energy
Upgrades

building...



Zero Energy
Homes



Build it Green
Leadership &
Workforce
Development

home...



Empower
Outreach and
Workshops



Sponsoring
EPB/TVA Home
Energy Upgrade



Green and
Healthy Homes
Asthma Program

and community wide...



Integrated
Community
Sustainability
Plan



Green Prix

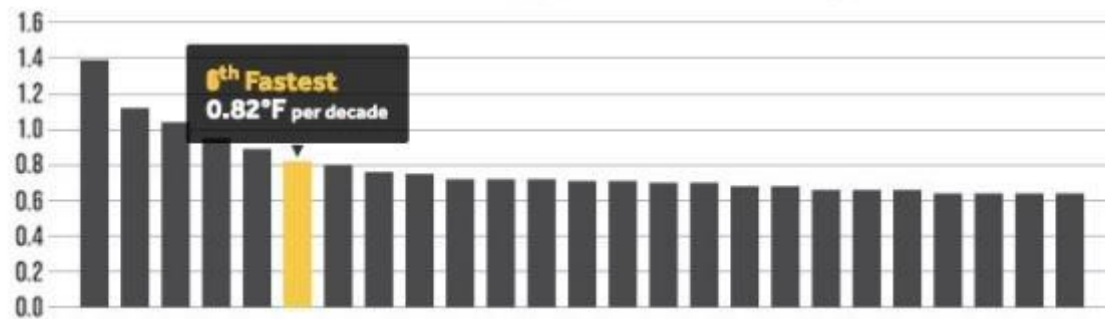
Hot and Getting Hotter



The top 25 hottest and fastest-warming cities

Which are the hottest?

Fastest-warming



Average Electricity Price, 2015 (in cents/kWh)

9-11 11-13 13-15 15-17 17-29



Low-Income Energy Burden (% of Income)

4%-6% 6%-8% 8%-10% 10%-12% 12%-14%



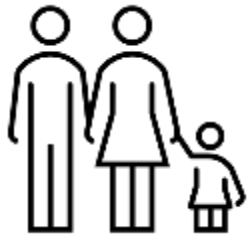
Potential Electricity Savings in Low-Income Households

13-17% 17-21% 21-25% 25-29% 29-32%



THE SPLIT INCENTIVE PROBLEM

Most naturally occurring affordable housing in Chattanooga is single family. Most homes in low-income neighborhoods were built before 1940 when electricity was virtually free. They often have little or no insulation or air sealing and often have electric resistance heat. The majority of homes are rental because mortgages were not available for decades.

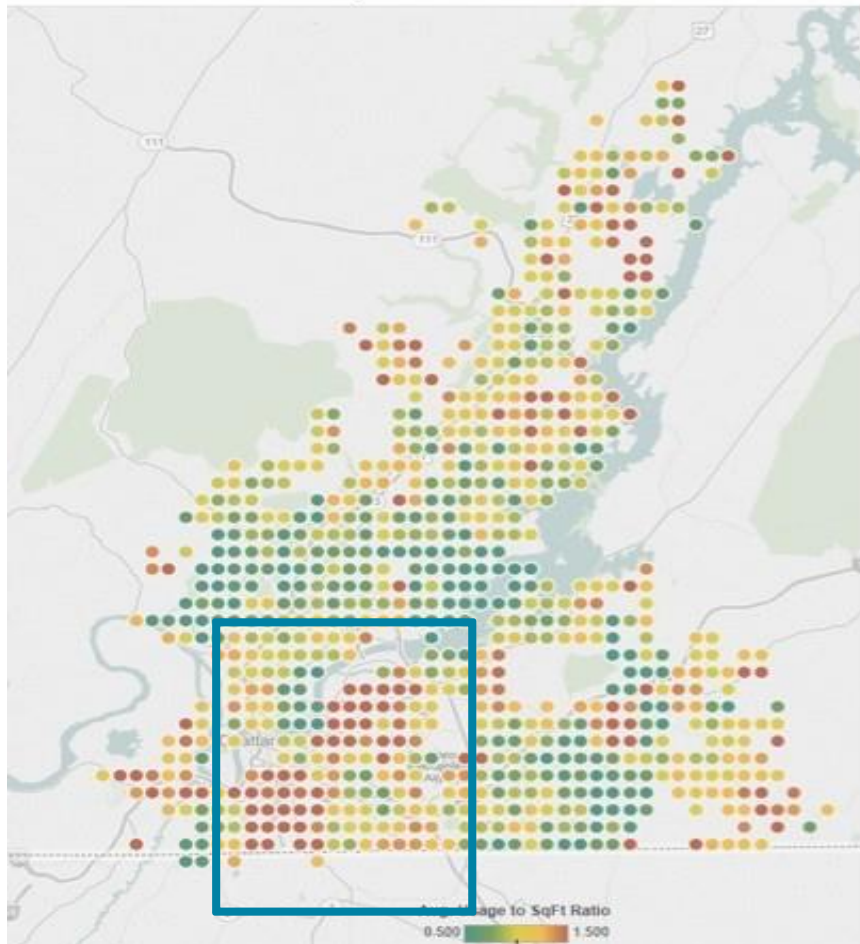


Renters in Chattanooga almost always pay utilities directly, especially in single family homes which are approximately 2/3rds of the housing stock.

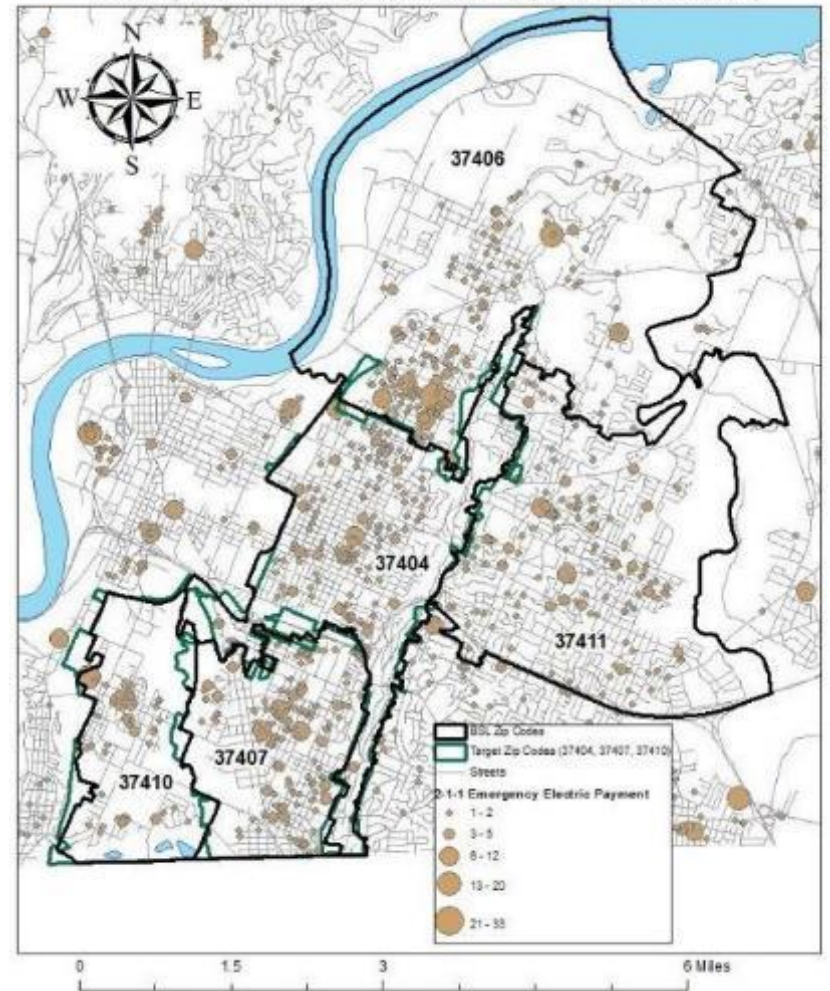


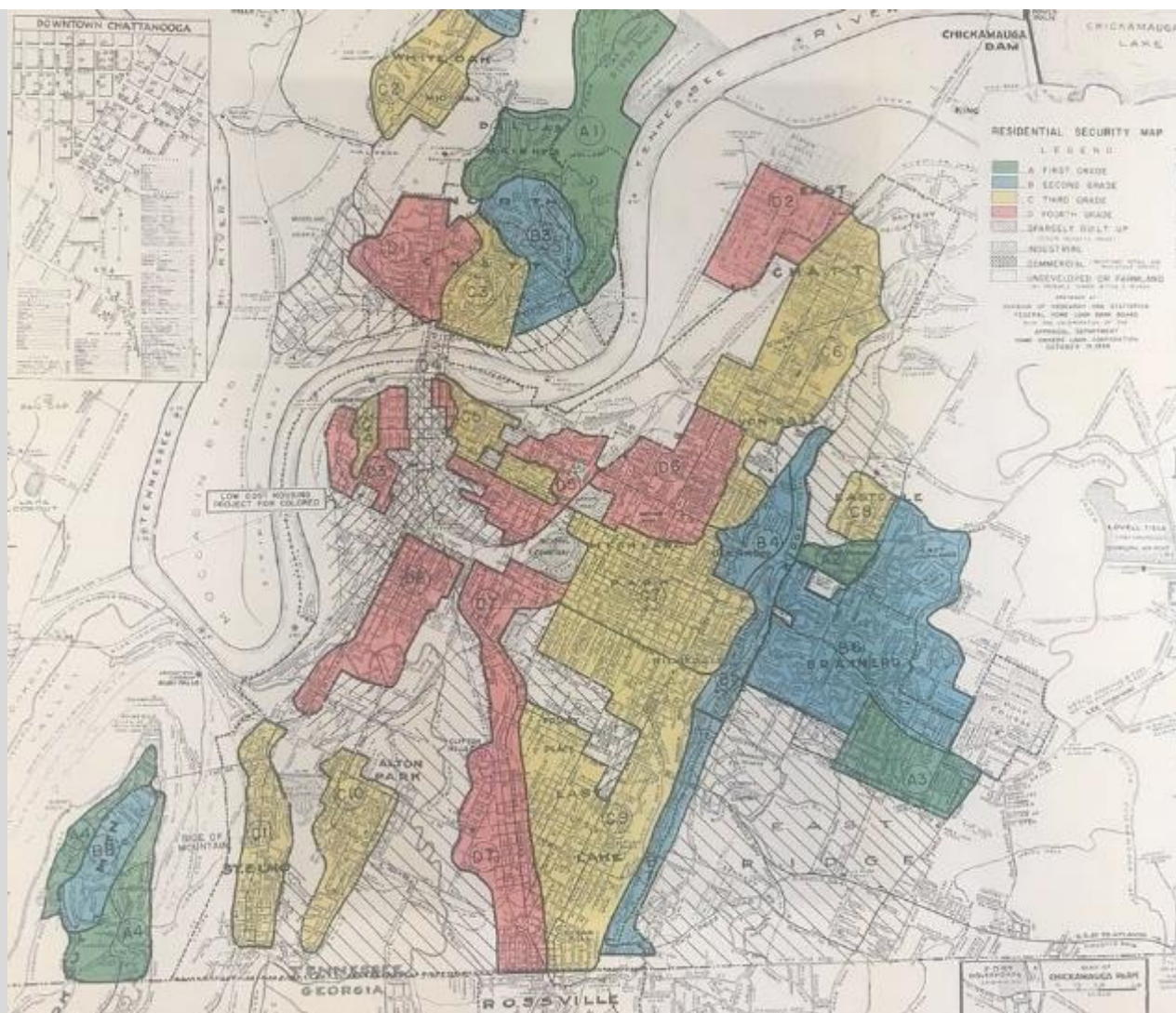
Because most landlords don't pay utility bills, investments in efficiency do not have a direct return on that investment.

January 2012 & 2013



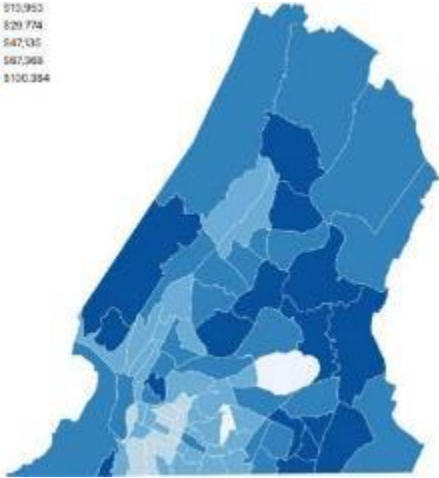
Select Zip Codes and 2-1-1 Calls for Electric Payment Assistance (2014)





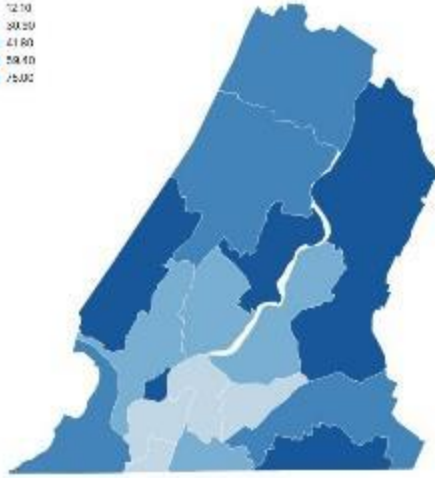
Median Household Income (2016)

\$10,963
 \$29,774
 \$47,130
 \$67,968
 \$100,384



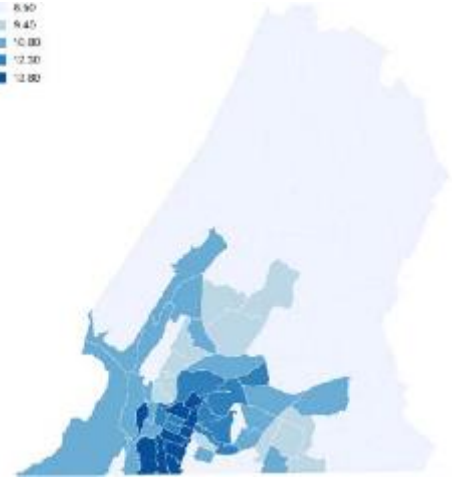
8th Grade Reading Achievement (2016)

12.10
 38.00
 41.60
 58.40
 75.00



Asthma Rates (2015)

6.90
 9.45
 10.80
 12.30
 12.80





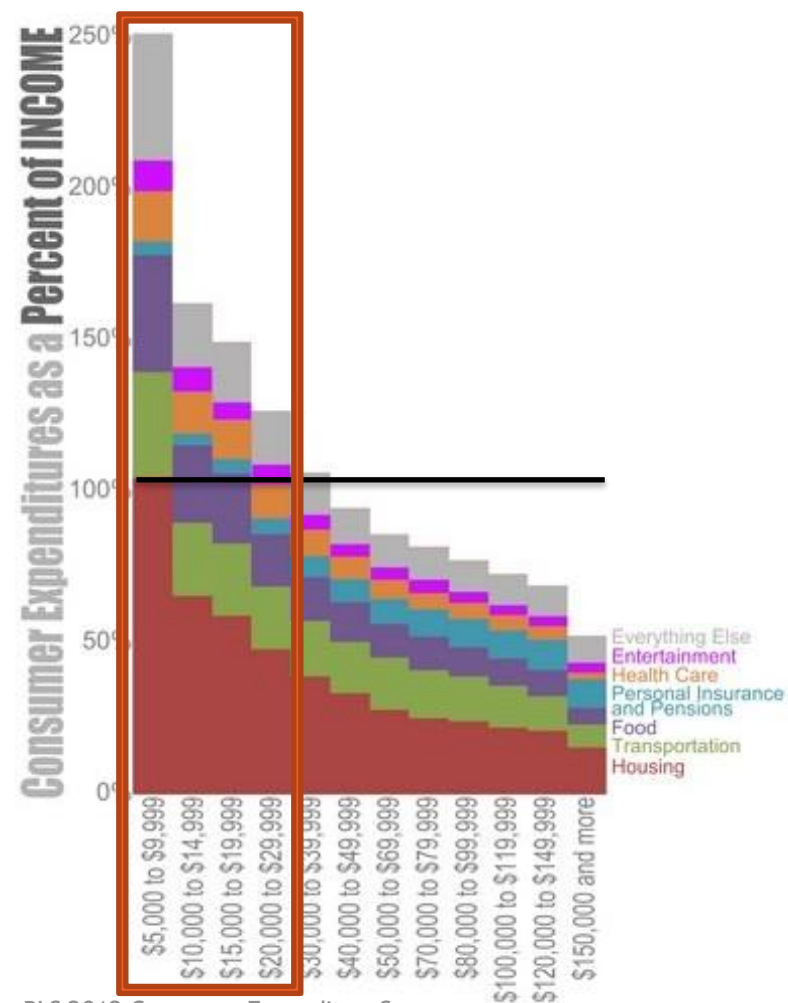
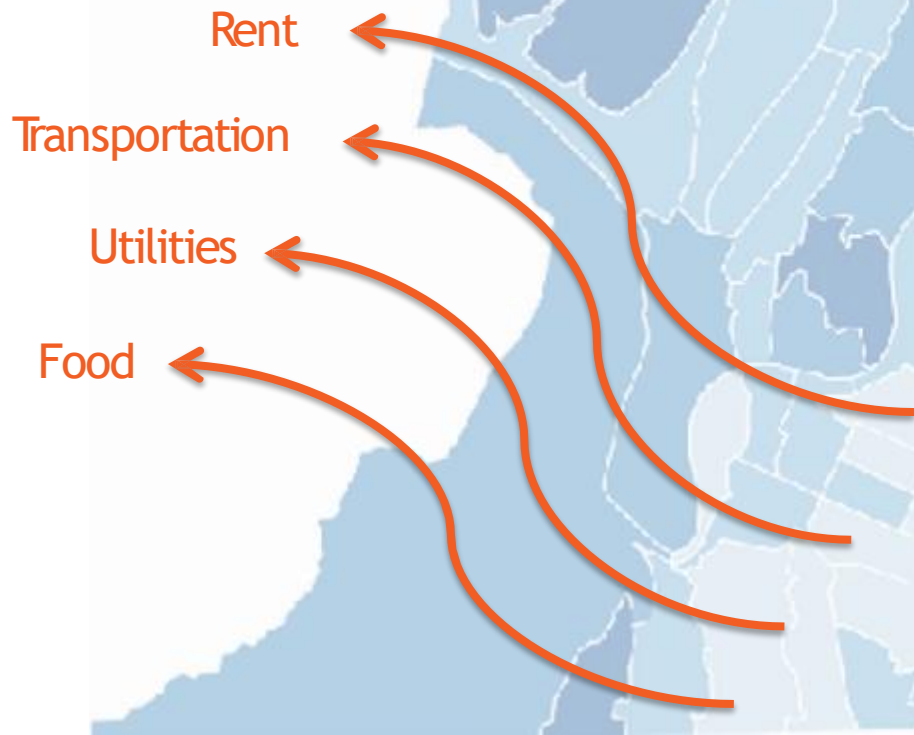
**SANITARY SEWER
OVERFLOW**

AVOID PHYSICAL
CONTACT WITH AREA

EXPOSURE TO WATER
MAY CAUSE A
HEALTH RISK



The cost of the basic needs of housing (including utilities) transportation, and food in low-income neighborhoods exceeds 100% of most families' income.



BLS 2012 Consumer Expenditure Survey
Graphic by Chris Dickersin-Prokopp

What we have in Chattanooga:

Chattanooga Housing Authority Renter (~4000 Units)

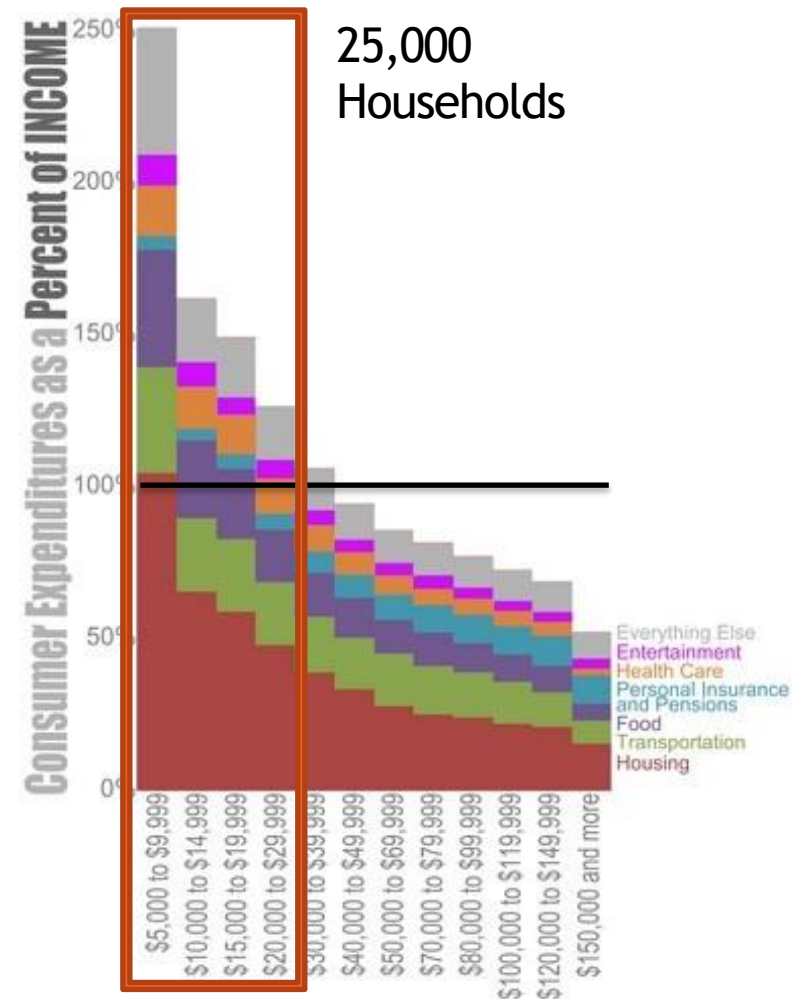
- CHA-owned properties include utilities but charge overages if they exceed a set amount
- Housing Choice Voucher units technically have to meet standards but enforcement is limited

Open Market Renter

- LIHEAP and other direct assistance (\$4M / year)
- Weatherization Assistance Program
- No efficiency requirements through code

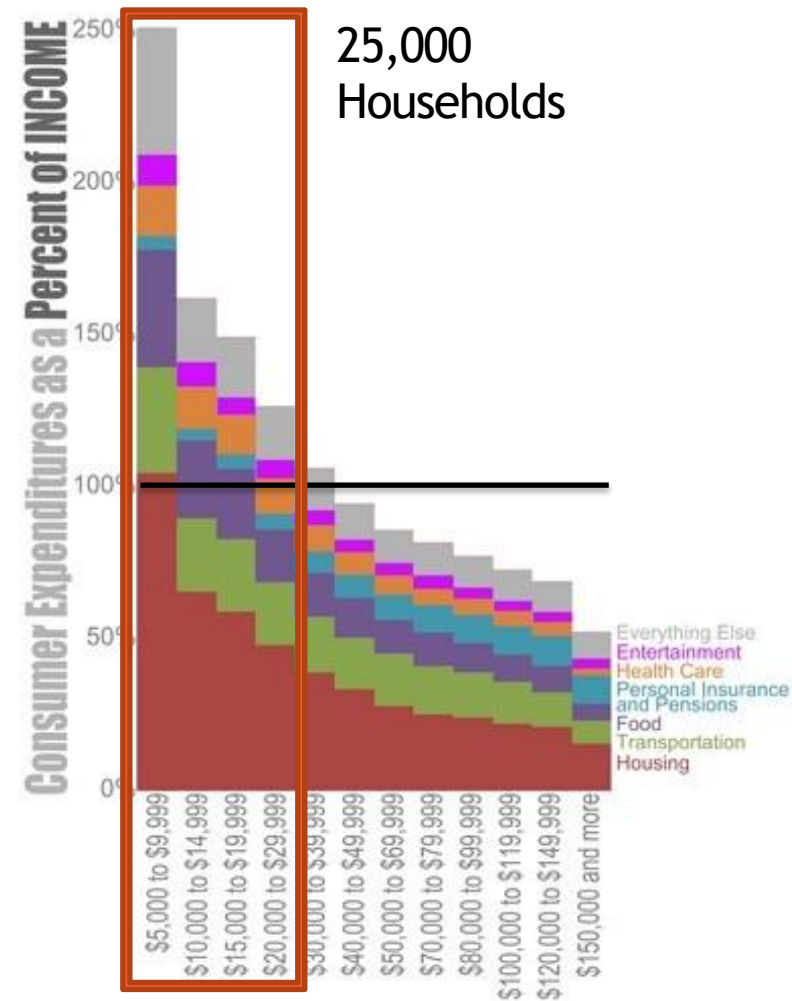
Homeowner

- EPB/TVA Home Uplift
- Weatherization Assistance Program
- Habitat for Humanity (Energy Star Certified Homes)



What we're working on:

- Empower Workshops teaching low-cost and no-cost strategies for lowering electric bills. Renters and homeowners can apply the strategies we teach.
- Build it Green Leadership and Workforce Development Program prepares at-risk young adults for opportunities in green building and home improvement.
- Starting a limited equity coop for housing and transportation of Build it Green Members.
- The Green and Healthy Homes Initiative has helped our network of nonprofits build a pilot and a proposal to fund home improvements from healthcare savings.
- Working with healthcare institutions to invest in housing in adjacent neighborhoods as well as food access and healthcare.



EMPOWER CHATTANOOGA

Community Events

“Change moves at the speed of trust.”

-Nathaniel Smith Partnership for Southern Equity

Empower began with a series of focus groups that were asked about challenges specific to their neighborhoods. While energy bills came up, other things like public parks, jobs for youth, education, and food insecurity were also leading topics.

Then, with the help of resident-led community advisory and action groups, Empower helped build social infrastructure by sponsoring, facilitating, and hosting community events that bring diverse residents together for a range of activities.



EMPOWER CHATTANOOGA

Basic Energy Workshops

Since 2014 green|spaces has been providing Basic Energy Workshops in low-income neighborhoods. Attendees receive a free energy savings kit provided by TVA.

Over 3000 residents have attended. The workshops have been provided virtually during COVID but will resume in person soon.

EPB helps us track the effectiveness of our program and found an average savings of 5% with single home savings as much as 40% which is hundreds of dollars a month.



EMPOWER CHATTANOOGA

Build it Green Workforce Development

Currently interviewing for seventh class of our six-month workforce development program. Part of AmeriCorps Opportunity Youth Service Initiative, with partner Build Me a World, BIG focuses on personal development, community development, and sustainable construction. Graduates receive OSHA 10 Certification and hands on weatherization of fifteen homes, lowering the homes electric bill by 20-30%.

62% graduation and 100% job placement rate.

Featured nationally in USGBC+ and GreenBuilder



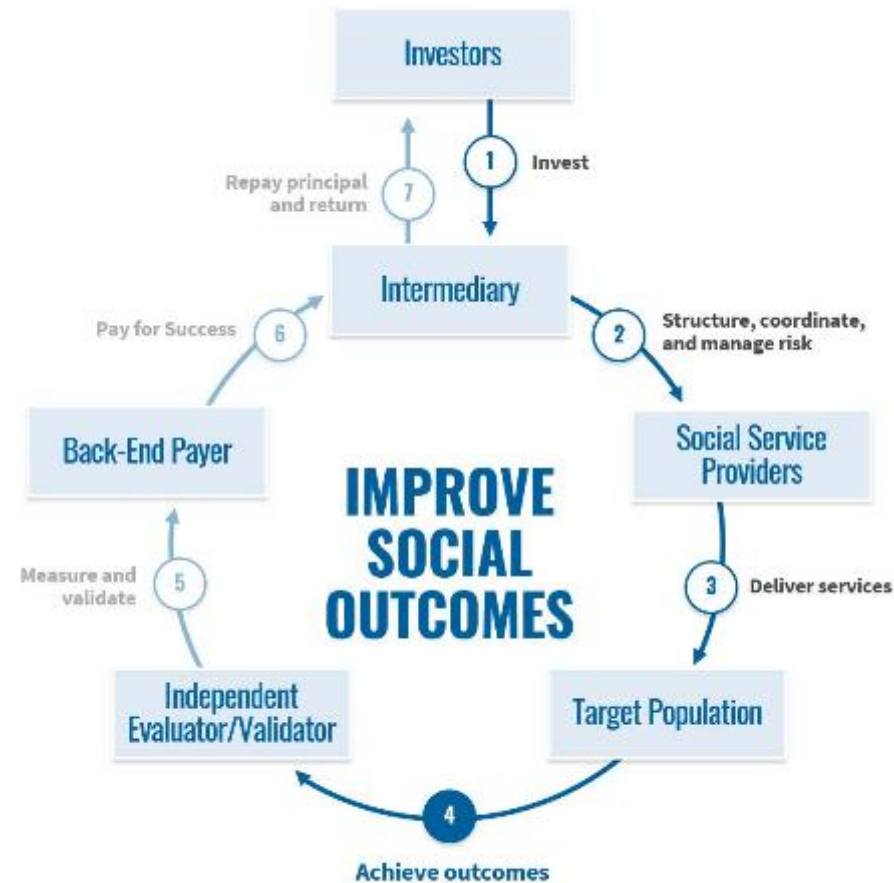
EMPOWER CHATTANOOGA

Green and Healthy Homes Asthma Program

In 2018 green | spaces commissioned a feasibility study from the Green and Healthy Homes Initiative that found the potential for an in-home comprehensive asthma program to treat 550 patients that are hospitalized or visit the ER because of the condition of their homes.

In 2019 we brought together Lifespring, EPB, TVA, and Erlanger Children's Hospital to identify low-income patients with severe asthma, provide education and supplies with Lifespring's Community HealthWorkers, and provide much-needed home improvements to improve air quality and energy efficiency. Qualitative reports found substantial improvements in the 30 patients that were served.

We are working to expand the pilot to serve 140 children with severe asthma and expect to save TennCare \$227,000 above the cost of direct services over five years while using Lifespring and Build it Green for the work.



Adapted from, "Pay for Success: Basics." Nonprofit Finance Fund.
Available at: www.payforsuccess.org/learn/basics/#what-is-pay-for-success.

INTEGRATED COMMUNITY SUSTAINABILITY PLAN

Community-wide carbon neutrality by 2050

- Establish baseline and governance
- Improve efficiency and renewables
- Decarbonize transportation

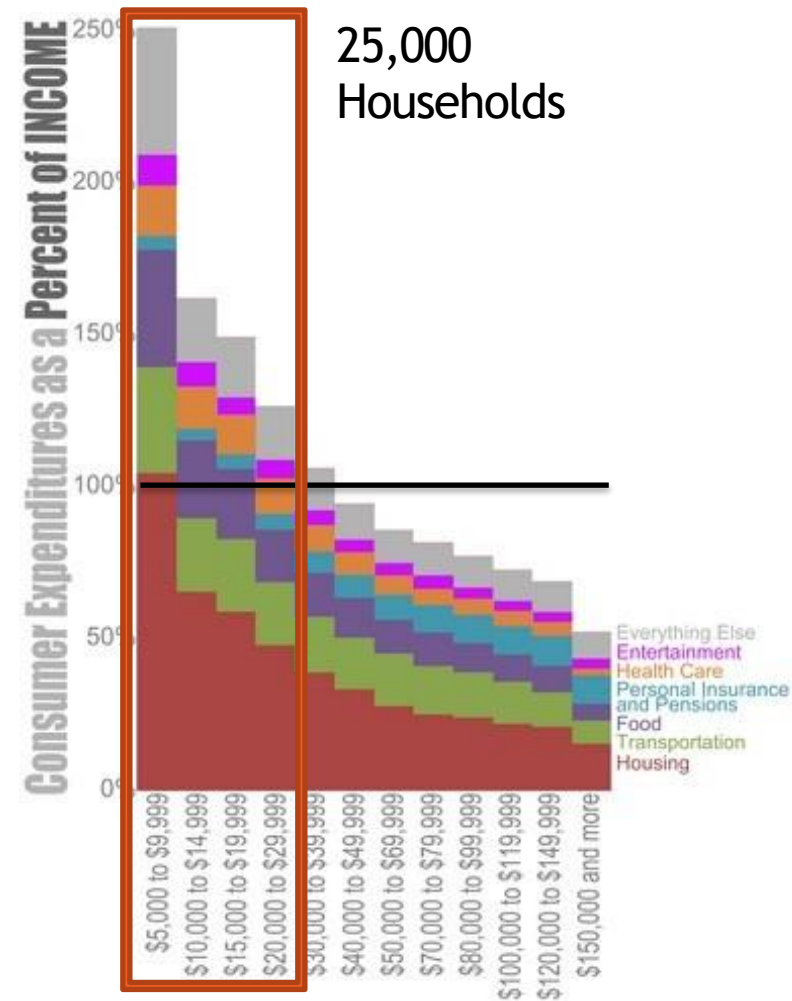
Achieve a sustainable, just, and socially equitable city in which residents have a meaningful voice.

- Address social determinants of health
- Create a housing directory/report
- Establish Community Development Corporations
- Reduce blight with land bank authority



What we'd like:

- Robust public investment in building new, high-performance, healthy, affordable housing with tapered support to workforce housing.
- Minimum standards for energy efficiency and air quality in rental properties.
- Rental registry with listed utility bills.
- Community-owned assets to provide long-term affordability and reduce displacement. (Community Land Trusts, Limited Equity Cooperatives)
- Civilian Climate Corps to assist with needed efficiency and health improvements to both owner-occupied housing and rental housing and construction workforce development.



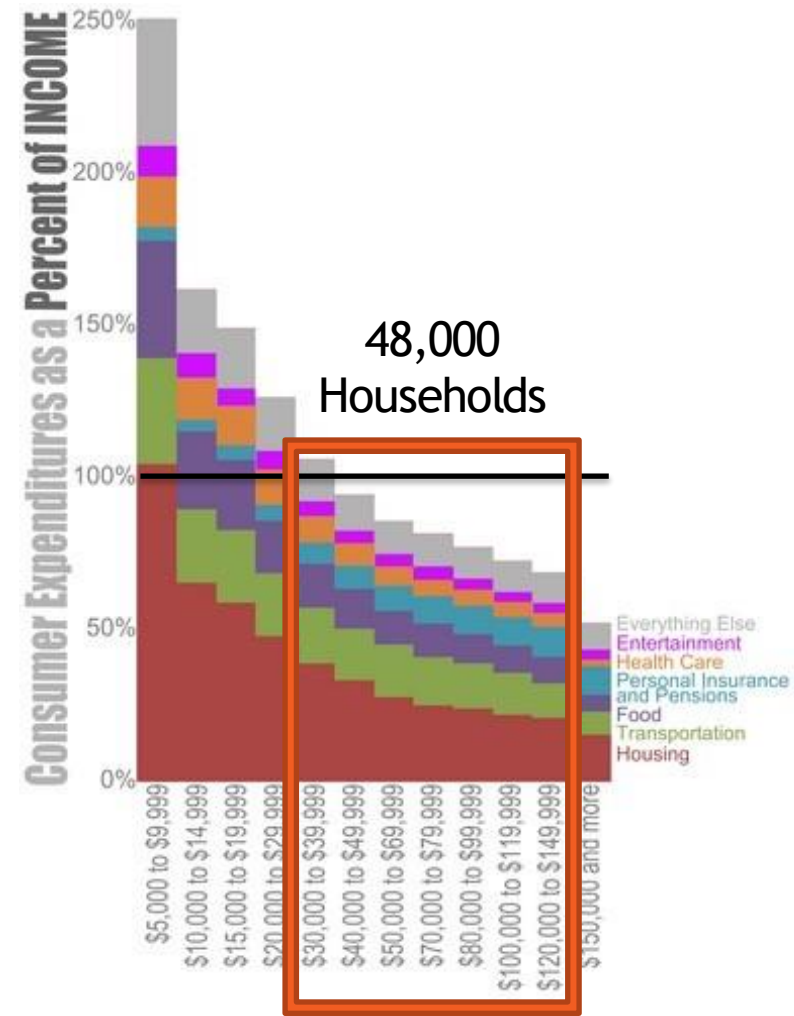
What we have in Chattanooga:

Open Market Renter

•EPB Free Energy Audit

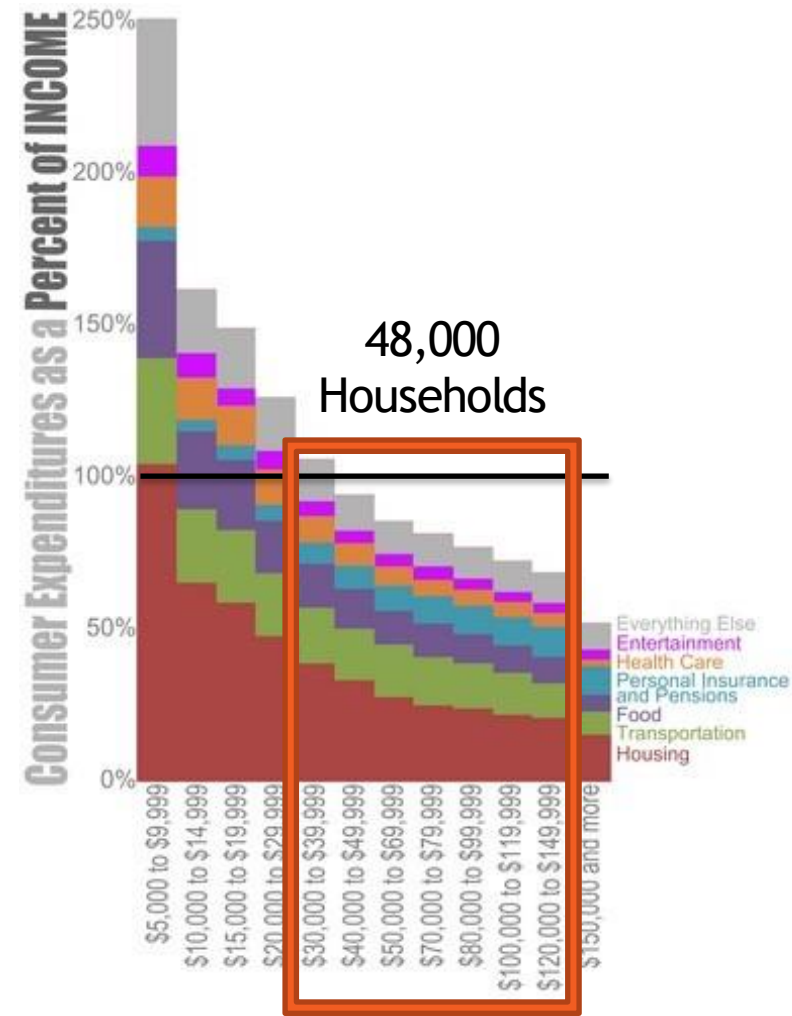
Homeowner

- EPB Free Energy Audit
- 2018 IRC but referencing 2009 IECC Tables for new homes (<7 ACH, R-13 Wall insulation, R-38 Roof, no mechanical fresh air)



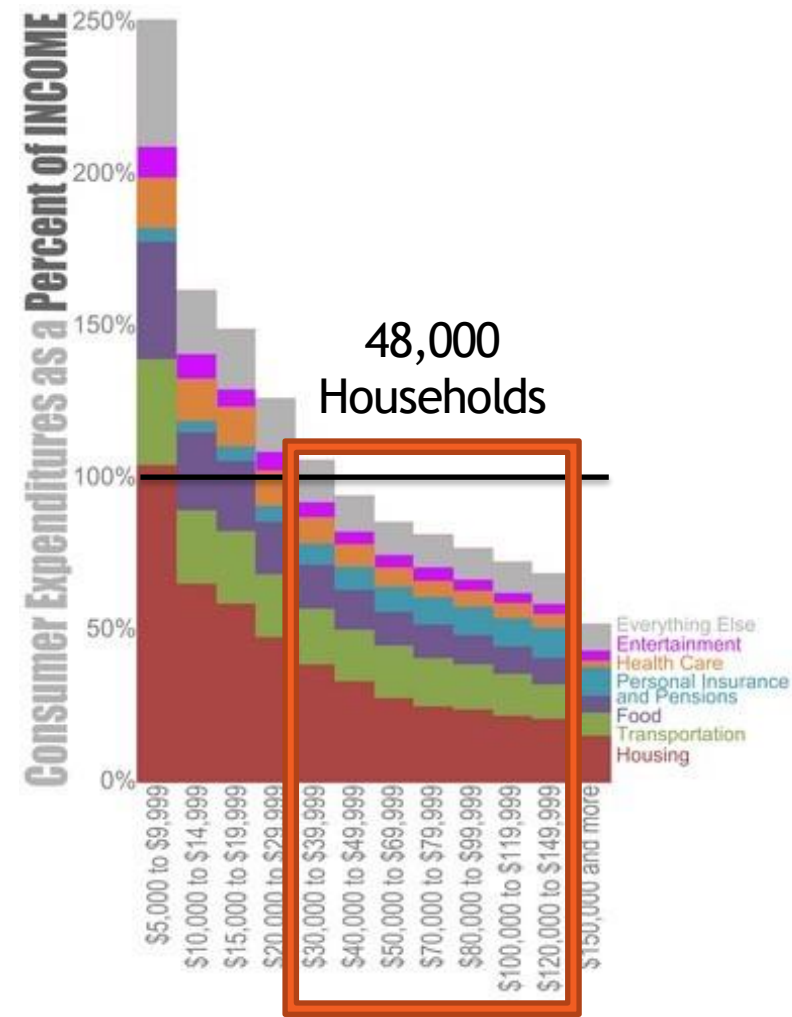
What we're working on:

- Connecting EPB utility data to MLS listings for one-click importing so utility data is listed on the bill.
- Built and sold demonstration development of net zero ready homes to educate market
- Educating lenders on 30% lower default rates for energy efficient homes according to IMT/UNC study
- Educating realtors about total affordability and including energy in initial conversations on how much house a person can afford
- Educating appraisers about the Appraisal Institute's Green Addendum
- Setting up C-PACER for multi-family housing. Just passed at the state level. Hurray!



What we'd like:

- On-meter tariff financing for energy efficiency. (Pay as You Save) Less appropriate for lower income.
- Update energy codes
- Strong energy efficiency and demand response incentives
- Robust zoning and financial incentives for certified development. (LEED, Energy Star, Earthcraft, Passive House, etc.)



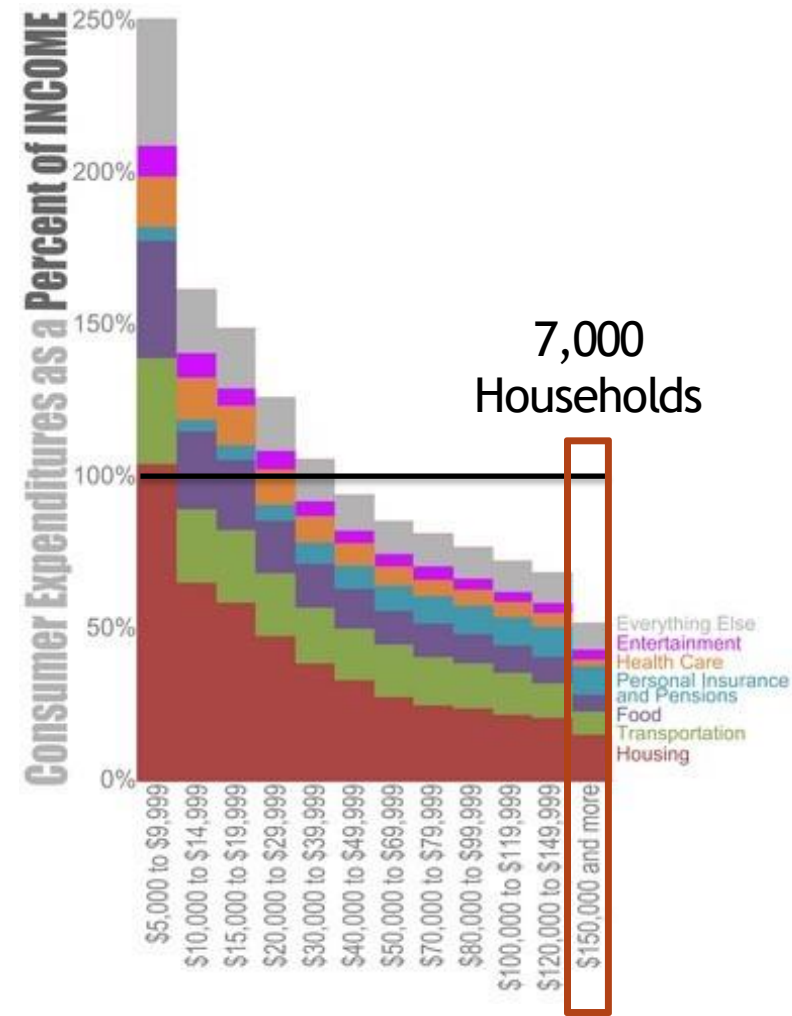
What we have in Chattanooga:

Open Market Renter

•EPB Free Energy Audit

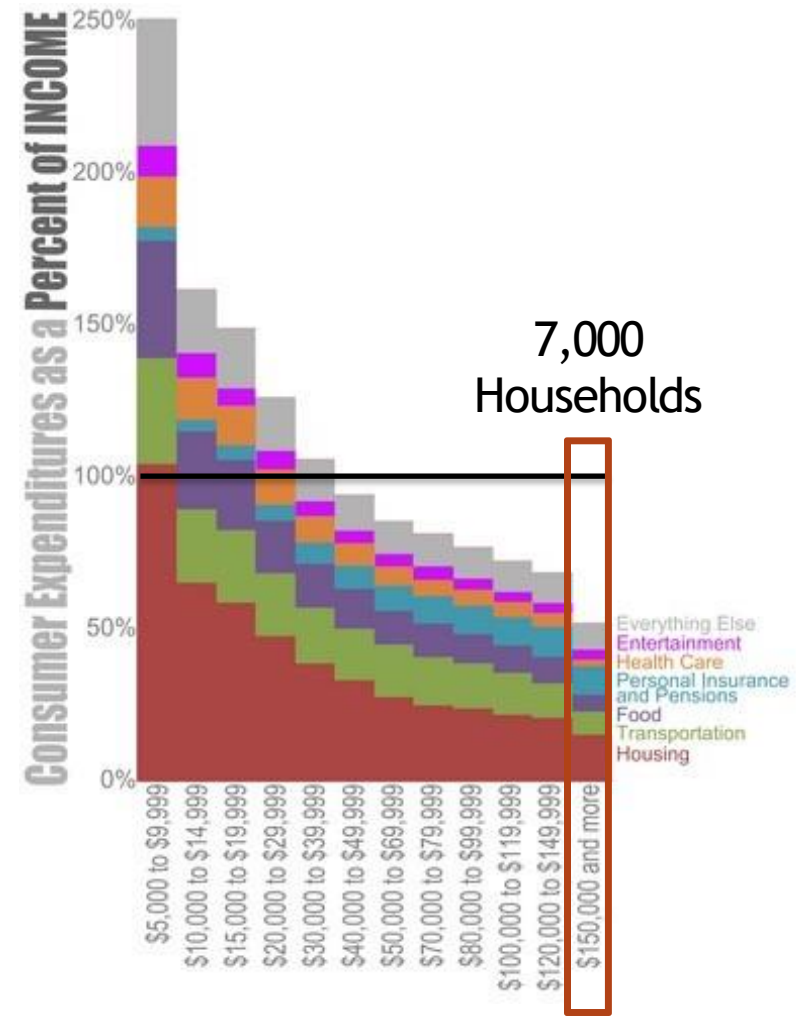
Homeowner

- EPB Free Energy Audit
- 2018 IRC but referencing 2009 IECC Tables for new homes (<7 ACH, R-13 Wall insulation, R-38 Roof, no mechanical fresh air)



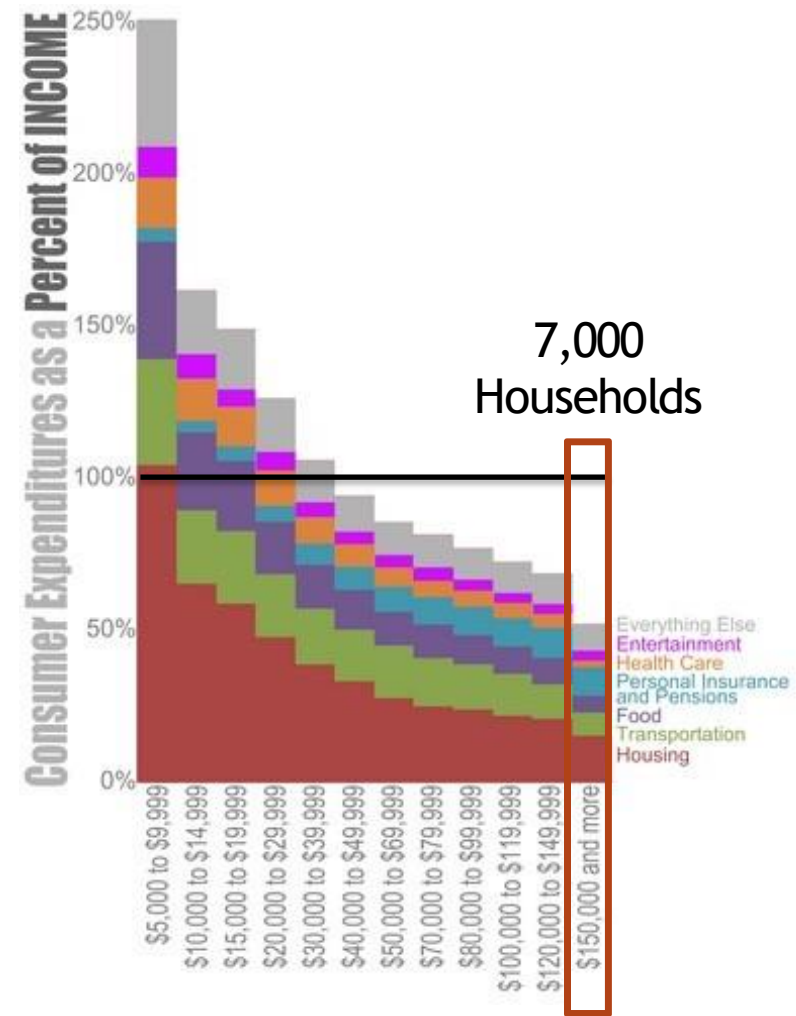
What we're working on:

- Design awards
- Net zero developments through community solar



What we'd like:

- Comparative data on bills



We help people take practical, effective, and affordable steps to improve their environmental, economic, and social outcomes

At work...



green | light
Business
Certification



green | leader
Professional
Certificate



Good Use
Nonprofit Energy
Upgrades

building...



Zero Energy
Homes



Build it Green
Leadership &
Workforce
Development

home...



Empower
Outreach and
Workshops



Sponsoring
EPB/TVA Home
Energy Upgrade



Green and
Healthy Homes
Asthma Program

and communitywide...



Integrated
Community
Sustainability
Plan



Green Prix



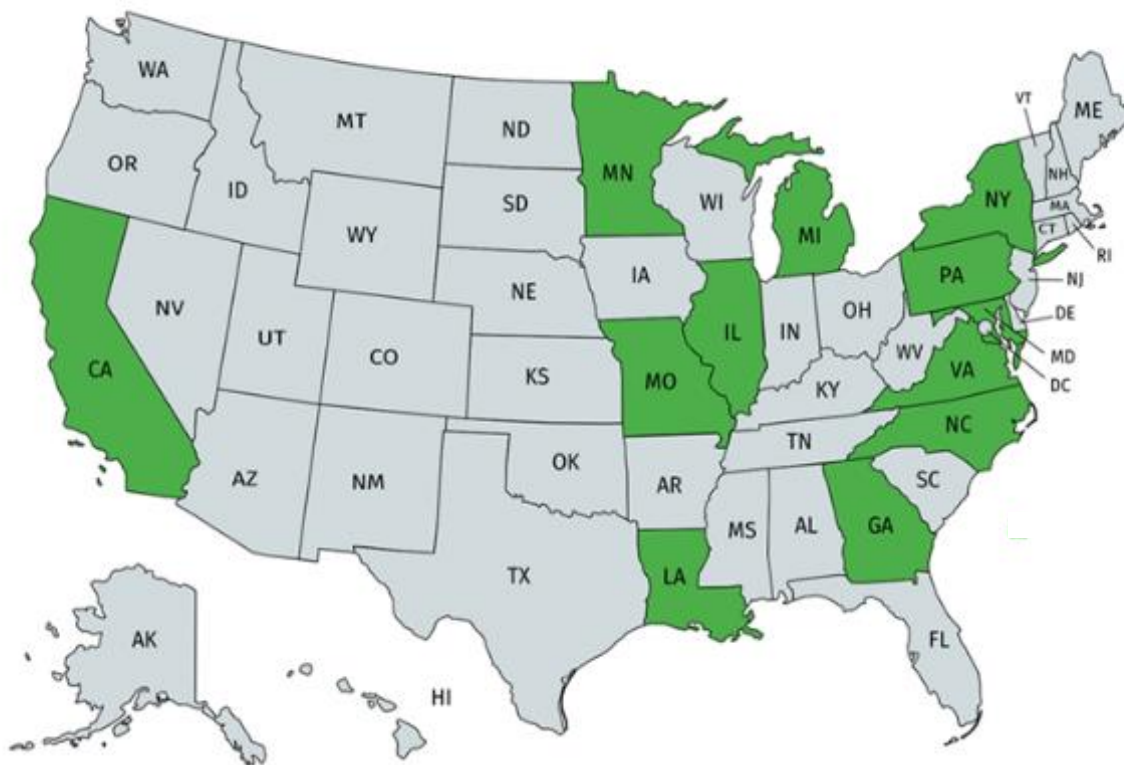
Raymond Nevo
National Housing Trust

Energy Efficiency for All

Racial Equity Working Group

May 2021

Who We Are



- **4 National Partners**
- **12 State Coalitions**
 - Mission-driven coalitions of varying size and composition
 - Including 50 coalition partners funded through the Energy Foundation
- **~300 NEWHAB Members and Allies**



\$1 Billion

IN CONFIRMED & ESTIMATED
NEW FUNDING FOR
EFFICIENCY UPGRADES
SECURED BY EEFA PARTNERS



213,487

AFFORDABLE APARTMENTS
HAVE RECEIVED
ENERGY EFFICIENCY
UPGRADES SO FAR



426,974*

LOW-INCOME RENTERS
HAVE BENEFITED
FROM ENERGY EFFICIENCY
UPGRADES SO FAR

*assumes 2 persons per apartment

Rethinking Our Work

Measurements for success were based on quantitative results



Relationship building was not prioritized



Are these relationships transactional?

Prioritizing Black and brown communities



White faces in Black/brown spaces



Are we perpetuating White Supremacist Culture?

Focus on gas, electric, healthy building materials, rental assistance.



Conversations about water and internet



Should we be expanding our focus?

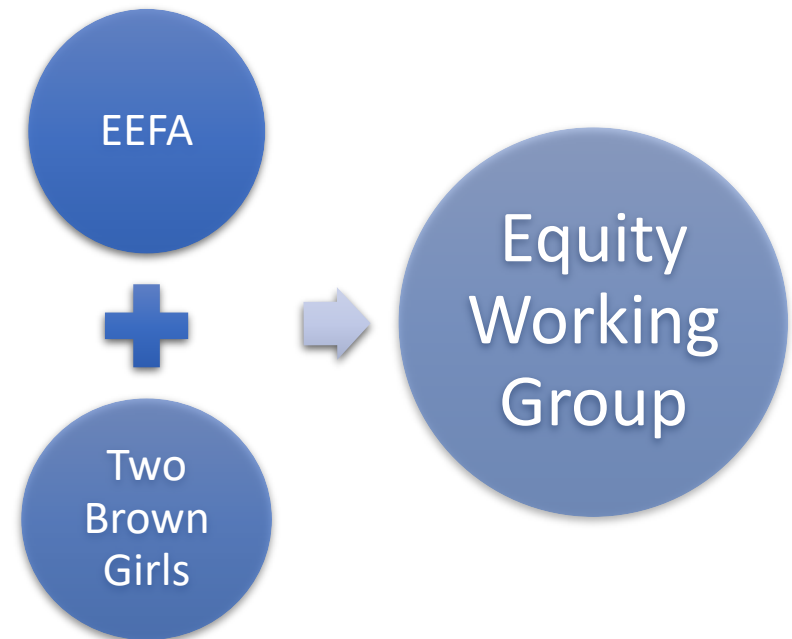
Forming the Equity Working Group

The objectives

- Develop shared language and understanding of what equity is.
- Evaluate how equitable the project was in theory and practice.
- Create a Framework for incorporating racial equity into all aspects of the project's next cycle.

The goal:

- Become a model for other groups or organizations who want to be progress in their racial equity work.





Assess leadership



Increase data collection



Uplifting Black and Brown voices



**Network for Energy, Water,
Health in Affordable Buildings
(NEWHAB)**



**Individual & Organizational
reflection.**

Racial Equity Is A Journey



- Work through a racial equity lens
- Value expertise ***and*** experience
- Measurements for success cannot only be quantitative
- Be intentional, be uncomfortable, acknowledge mistakes

For more information:



Raymond Nevo
State and Equity Policy Manager
National Housing Trust
rnevo@nhtinc.org

Upcoming Events

DOE Better Buildings Summit

May 17-20

betterbuildingssolutioncenter.energy.gov/summit

A stylized sunburst with yellow rays emanating from behind the word 'STEM'.

STEM RISING

U.S. DEPARTMENT OF ENERGY
[ENERGY.GOV/STEMRISING](https://www.energy.gov/stemrising)

Explore the Residential Program Solution Center

Resources to help improve your program and reach energy efficiency targets:

- [Handbooks](#) - explain *why* and *how* to implement specific stages of a program.
- [Quick Answers](#) - provide answers and resources for common questions.
- [Proven Practices](#) posts - include lessons learned, examples, and helpful tips from successful programs.
- [Technology Solutions](#) **NEW!** - present resources on advanced technologies, **HVAC & Heat Pump Water Heaters**, including installation guidance, marketing strategies, & potential savings.



<https://rpssc.energy.gov>

Thank You!

Follow us to plug into the latest Better Buildings news and updates!



[Better Buildings Twitter](#) with [#BBResNet](#)



[Better Buildings LinkedIn](#)



[Office of Energy Efficiency and Renewable Energy Facebook](#)

Please send any follow-up questions
or future call topic ideas to:
bbresidentialnetwork@ee.doe.gov